

**To:** Linden, melissa[linden.melissa@epa.gov]  
**Cc:** Werner, Lora[Werner.Lora@epa.gov]  
**From:** Kelly, Jack (R3 Phila.)  
**Sent:** Wed 1/22/2014 11:14:50 PM  
**Subject:** Fw: Update on amount of PPH in the MCHM spill

That was quick. Never mind. :)

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**From:** Burns, Francis  
**Sent:** Wednesday, January 22, 2014 6:13:16 PM  
**To:** Garvin, Shawn; Hodgkiss, Kathy; Melvin, Karen; Armstrong, Joan; Capacasa, Jon; Wisniewski, Patti-Kay; Arguto, William; binetti, victoria; duteau, helen; Jarvela, Steve; Kelly, Jack (R3 Phila.)  
**Subject:** Re: Update on amount of PPH in the MCHM spill

Shawn:

I checked with the site team and it is not because of the change to weight. It is a corrected number representing more material. The facility checked their records and found the mistake.

Fran

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**From:** Garvin, Shawn  
**Sent:** Wednesday, January 22, 2014 5:55:52 PM  
**To:** Burns, Francis; Hodgkiss, Kathy; Melvin, Karen; Armstrong, Joan; Capacasa, Jon; Wisniewski, Patti-Kay; Arguto, William; binetti, victoria; duteau, helen; Jarvela, Steve; Kelly, Jack (R3 Phila.)  
**Subject:** Re: Update on amount of PPH in the MCHM spill

Quick question - Is the change in percentage due to a shift in calculating to weight instead of volume? Or at the end of the day is there really more material and not just a different way of calculating? Thx

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**From:** Burns, Francis  
**Sent:** Wednesday, January 22, 2014 3:48:04 PM  
**To:** Garvin, Shawn; Hodgkiss, Kathy; Melvin, Karen; Armstrong, Joan; Capacasa, Jon; Wisniewski, Patti-Kay; Arguto, William; binetti, victoria; duteau, helen; Jarvela, Steve; Kelly, Jack (R3 Phila.)  
**Subject:** FW: Update on amount of PPH in the MCHM spill

FYI

**From:** Linden, melissa  
**Sent:** Wednesday, January 22, 2014 3:40 PM  
**To:** Burns, Francis

**Cc:** Caporale, Cynthia; Werner, Lora

**Subject:** Update on amount of PPH in the MCHM spill

Hi Fran,

The Freedom Industries President just told Mike Dorsey that there is 7.3% PPH instead of the reported 5.6% given yesterday.

So the contents of tank 396 is 88.5% crude MCHM, 7.3% PPH, and 4.2% water (percent by weight, not volume as previously stated) reported as a requirement of the WV DEP Order issued this morning to the facility.

Thanks,

Melissa